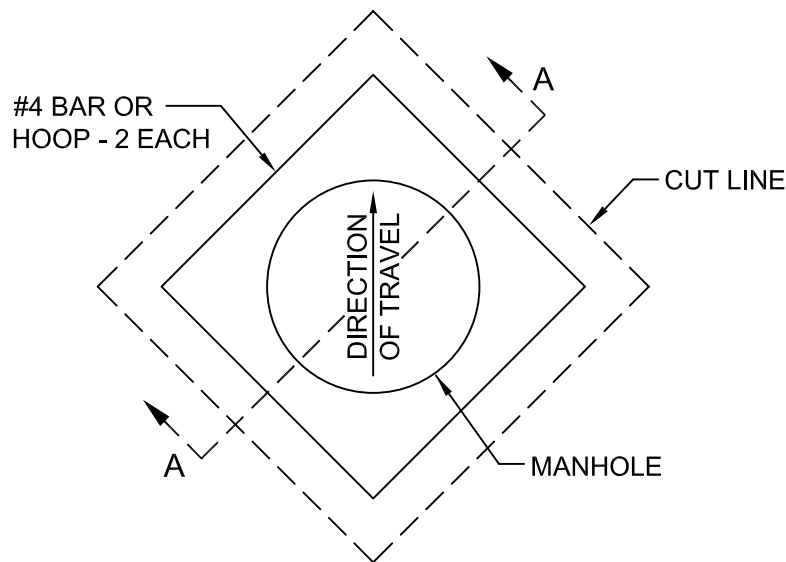


SECTION A-A



PLAN

NOTES:

1. This manhole adjustment method is to be used for adjusting a new or existing manhole before paving over it with the HMAC wearing course or a pavement overlay.
2. If manhole is in street to be overlaid, go directly to note 2. If manhole is in a new pavement section, cover manhole with building paper and construct HMAC base course over manhole.
3. Sawcut square or circular excavation around manhole 12 inches minimum from manhole frame. Orient diagonal of square so that it is parallel to roadway centerline.
4. Raise manhole frame and cover to finish grade by installing concrete grade rings and leveling mortar. No more than 8 inches of concrete grade rings shall be used to adjust any manhole to grade. Metal paving rings/risers are not allowed, except as necessary during a pavement overlay project, and then only one (1) paving ring is allowed. Engineer must design and include calculations in the construction plan set, showing which manhole adjustment option will be used at each location.
5. Backfill with early strength PCC.
6. Construct HMAC wearing course.



City Of Beaverton

PUBLIC WORKS DEPARTMENT

CITY ENGINEER
Terry Waldele, P.E.

DATE
3 - 22 - 05

MANHOLE ADJUSTMENT SEQUENCE OPTION #2

DRAWN BY
JCH - CPD

DRAWING NO.
321